

FAST AGGREGATION OF COMPRESSED DATA USING FULL TABLE SCANS

ABSTRACT OF THE DISCLOSURE

Methods and apparatus, including computer systems and program products, relating to an information management system and aggregating data by performing table scans. In general, in one aspect, the technique includes receiving a query for a response to a search on a database, loading data from the database into memory, filtering the data based on the query to generate a list of results, buffering at least one key figure corresponding to a result, buffering at least one dimension value corresponding to each key figure, aggregating the dimension values to generate an aggregate key, aggregating key figures corresponding to the same aggregate key to generate one or more aggregate key figures, and displaying the response to the search on a display device. Loading the data may include compressing the data. Filtering the data may be performed blockwise.

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